

Cr

99871

NPL SITE CERTIFICATION

**SITE NAME:** Delaware Sand & Gravel Landfill

**LOCATION:** New Castle  
New Castle County, Delaware

**RPM:** Eric Newman

**DATE OF SITE VISIT:** 11/12/91

**DISCUSSION:**

The Delaware Sand & Gravel landfill (located adjacent to the Army Creek NPL site) was promulgated on the NPL in September 1983 and is currently in the RD/RA phase. EPA conducted a drum removal late 1983-early 1984 at the "drum disposal area", resulting in the surface removal of 576 drums containing various industrial wastes. The ROD selecting a source control remedial action strategy was issued in April 1988. The contaminated groundwater plume is being captured by a downgradient groundwater recovery well system that was originally installed to prevent contaminated groundwater from the Army Creek site from reaching potable supply wells. The system selected by the Army Creek ROD has proven effective with respect to the creation of a groundwater divide between both Superfund sites and the public supply well heads.

The source control remedy at Delaware Sand & Gravel (DS&G) has been broken into two phases. Construction of a landfill cap over the Grantham South Area (Phase I) is substantially complete. The DS&G ROD selected an onsite thermal destruction remedy for the Ridge and Drum Disposal Areas (Phase II), which contain soils contaminated with both organics and metals; the Drum Disposal Area also contains buried drums. The remedial program is currently conducting a Predesign Study (waste characterization and thermal treatability study) at the Ridge and Drum Disposal Areas. In October 1991 the PRP group funded the installation of a security fence around the Drum Disposal Area in compliance with a Unilateral Administrative Order issued through the Removal Enforcement Section. The security fence was determined to be necessary to restrict access, thereby reducing the potential threat to human health and the environment presented by direct contact with site surface soils.

**CERTIFICATION:**

I, Eric Newman, RPM for the Delaware Sand & Gravel site certify that this site does not meet the criteria for removal action at this time, and I have conferred with OSC regarding this finding.

*[Signature]*  
12 Nov 91

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